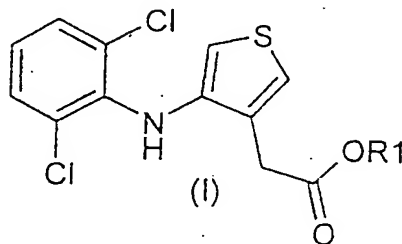


Patent claims

1. A composition for the treatment of IRDS and ARDS comprising a compound of the formula I



- in which R<sub>1</sub> is hydrogen or 2-(2-hydroxyethoxy)ethyl and/or a pharmacologically tolerable salt of this compound and lung surfactant.
2. A composition for the treatment of IRDS or ARDS comprising 4-(2,6-dichloroanilino)-3-thiophene-acetic acid and/or one of its pharmacologically tolerable salts and lung surfactant.
3. A composition as claimed in claim 1 or 2, wherein, as lung surfactant, mixtures of phospholipids are contained.
4. A composition as claimed in claim 3, wherein phospholipids occurring in natural lung surfactant are contained.
5. A composition as claimed in claim 3 or 4, wherein lung surfactant proteins are additionally contained.
6. A composition as claimed in claim 5, wherein SP-B and/or SP-C and/or their modified derivatives are contained.
7. A composition as claimed in claim 1, wherein lung surfactants obtained by pulmonary lavage are contained.
8. The use of a compound of the formula I in which R<sub>1</sub> is hydrogen or 2-(2-hydroxyethoxy)ethyl and/or a pharmacologically tolerable salt of this compound and lung surfactant for the production of medicaments for the control of IRDS and ARDS.
9. The use of a composition as claimed in claim 1 for the treatment of IRDS and ARDS.